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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|---|------------------------|------------------|
| | | Application Number | 10/774,161 |
| | | Filing Date | FEBRUARY 6, 2004 |
| | | First Named Inventor | D. RYAN BREESE |
| | | Art Unit | UNKNOWN |
| | | Examiner Name | UNKNOWN |
| Total Number of Pages in This Submission | 7 | Attorney Docket Number | 88-2066A |

| ENCLOSURES (Check all that apply) | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> IDS Under 37 CFR 1.97(b)(1) |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | <input type="checkbox"/> Cited EPO Reference |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> Cited Non Patent Literature Document Postcard |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | Remarks | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | Also enclosed is Co-pending Application Serial No. 10/767,940, filed January 29, 2004. | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|--|
| Firm or Individual name | Lyondell Chemical Company Shao-Hua Guo, Reg. No. 44,728 |
| Signature | |
| Date | MAY 6, 2004 |

CERTIFICATE OF TRANSMISSION/MAILING

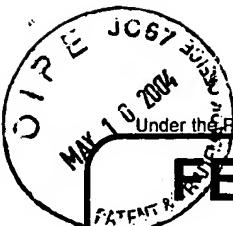
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | |
|-----------------------|--------------------|------------------|
| Typed or printed name | LINDA J. MARCHIONE | |
| Signature | | Date MAY 6, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fee Transmittal for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$0)

| Complete if Known | |
|----------------------|------------------|
| Application Number | 10/774,161 |
| Filing Date | February 6, 2004 |
| First Named Inventor | D. Ryan Breese |
| Examiner Name | unknown |
| Art Unit | unknown |
| Attorney Docket No. | 88-2066A |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number **01-2230**
 Deposit Account Name **ARCO Chemical Technology, L.P.**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 770 | 2001 385 | Utility filing fee | |
| 1002 340 | 2002 170 | Design filing fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| | | | -20** = | X | = |
| | | | - 3** = | X | = |
| | | | | | |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | ** Reissue independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid |
|---------------|---------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|--------------|-----------------------------------|-------------|-----------|--------------|
| Name (Print/Type) | Shao-Hua Guo | Registration No. (Attorney/Agent) | 48,728 | Telephone | 610-359-6059 |
| Signature | | Date | May 6, 2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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88-2066A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

D. Ryan Breese : Group Art: unknown

Serial No.: 10/774,161 : Examiner: unknown

Filed: February 6, 2004 :

For: PREPARATION OF POLYETHYLENE FILMS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicant submits here a list of references he believes are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449.

The Examiner should be aware of co-pending Application Serial No. 10/767,940, filed January 29, 2004, which discloses related subject matter.

Applicant respectfully asks the Examiner to consider the cited references.

Respectfully submitted,

D. Ryan Breese

By: Shao-Hua Guo

Shao-Hua Guo

Registration No. 44,728

Attorney for Applicant

Lyondell Chemical Company

3801 West Chester Pike

Newtown Square, PA 19073

May 6, 2004

Customer Number: 24114

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 10/774,161 |
| Filing Date | February 6, 2004 |
| First Named Inventor | D. Ryan Breese |
| Art Unit | unknown |
| Examiner Name | unknown |
| Attorney Docket Number | 88-2066A |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| 1 | US- | 4,542,199 | | Kaminsky et al. | |
| 2 | US- | 4,606,879 | | Cerisano | |
| 3 | US- | 4,954,391 | | Kotani et al. | |
| 4 | US- | 5,539,124 | | Etherton et al. | |
| 5 | US- | 5,637,660 | | Nagy et al. | |
| 6 | US- | 5,756,611 | | Etherton et al. | |
| 7 | US- | 5,989,725 | | Bullard et al. | |
| 8 | US- | 6,034,027 | | Krishnamurti et al. | |
| 9 | US- | 6,265,504 | | Liu et al. | |
| 10 | US- | 6,391,411 | | Duckwall, Jr. et al. | |
| 11 | US- | 6,613,841 | | Williams | |
| | US- | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|-------------------------------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| 12 | EPO, 86906464.2, A1 | (European patent application number) | 11-25-87 | Showa Denko | | <input checked="" type="checkbox"/> |
| | | | | Kabushiki | | <input type="checkbox"/> |
| | | | | Kaisha | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
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| | | | | | | <input type="checkbox"/> |

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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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|------------------------------|---|----|---|-------------------------------|------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| | | | | Application Number | 10/774,161 |
| | | | | Filing Date | February 6, 2004 |
| | | | | First Named Inventor | D. Ryan Breese |
| | | | | Art Unit | unknown |
| | | | | Examiner Name | unknown |
| Sheet | 2 | of | 2 | Attorney Docket Number | 88-2066A |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|--|-----------------------|---|--|--|-------------------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ² |
| | 13 | ERIC HATFIELD, RICHARD TATE, KELLY WILLIAMS, AND WILLIAM TODD; New MDO Medium Molecular Weight High Density Polyethylene Films; Journal of Plastic Film & Sheeting; April 2002, pp. 117-127; Vol. 18; Sage Publications | | | <input checked="" type="checkbox"/> |
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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
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